

IN THE CLAIMS

Please cancel claims 1-11. Please consider new claims 12-21 as follows. A clean copy of the new claims is included below.

Claims 1-11 (cancelled)

Claim 12 (new): An installation for controlling an acoustic illumination system, comprising:

a first audio signal source with a first location;

a first locating device attached to the first audio signal source, wherein the first locating device produces a first position signal in response to the first location of the first audio signal source; and

a control unit that receives the first position signal and controls a sound irradiation system in response to the first position signal;

wherein an acoustic impression created by the sound irradiation system essentially corresponds to the first location of the first audio signal source.

Claim 13 (new): The installation of claim 12, further comprising:


a plurality of fixed radio beacon transmitters spaced apart from each other, wherein the fixed radio beacon transmitters transmit radio beacon signals.

Claim 14 (new): The installation of claim 13, wherein the first locating device comprises a mobile receiver, wherein the mobile receiver receives the radio beacon signals.

Claim 15 (new): The installation of claim 14, wherein the fixed radio beacon transmitters are high-frequency transmitters, and wherein the mobile receiver is a high-frequency receiver.

Claim 16 (new): The installation of claim 14, wherein the fixed radio beacon transmitters transmit in the GPS format, and wherein the mobile receiver is a GPS receiver.

Claim 17 (new): The installation of claim 14, wherein the first locating device further comprises an output unit, wherein the output unit derives the first position signal from the received radio beacon signals, and wherein the output unit outputs the first position signal.

 Claim 18 (new): The installation of claim 17, wherein the first locating device further comprises a mobile transmitter, wherein the mobile transmitter transmits the first position signal to the control unit.

Claim 19 (new): The installation of claim 18, wherein the first locating device is located in a portable compact appliance.

Claim 20 (new): The installation of claim 18, wherein the first audio signal source is a microphone, and wherein the first locating device is located in the microphone.

Claim 21 (new): The installation of claim 12, further comprising:
a second audio signal source with a second location; and
a second locating device attached to the second audio signal source, wherein the second locating device produces a second position signal in response to the second location of the second audio signal source; wherein
the control unit receives the second position signal and controls the sound irradiation system also in response to the second position signal; and wherein
an acoustic impression created by the sound irradiation system essentially corresponds also to the second location of the second audio signal source.